



**MACHINE TOOLS LTD**

## UCNCL LT800,LT1000,LT1250



		Unit	UCNCL LT800	UCNCL LT1000	UCNCL LT1250
<b>Capacity</b>	Height of centres	mm	410	510	635
	Swing over bed	mm	890	1090	1320
	Swing over cross slide	mm	490	690	940
	Width of bed	mm	700		
	Distance between centres	mm	1500,3000,4000,5000,6000		
<b>Spindle</b>	Spindle nose DIN 55027	No	15		
	Front bearing diameter	mm	200		
	Spindle bore	mm	155		
	Spindle taper	Metric	160		
<b>Travels &amp; Feeds</b>	Longitudinal feed (Z axis)	m/min	10(max)		
	Lateral feed (X axis)	m/min	10(max)		
	Rapid traverse (Z and X axis)	mm/min	10(max)		
	Cross slide maximum travel	mm	525		650
<b>Ball Screw</b>	Z axis	mm	63x10		
	X axis	mm	40x10		
<b>Tailstock</b>	Quill diamter	mm	125		
	Quill travel	mm	250		
	Quill internal taper	Morse	6		
<b>Drives</b>	Main drive power	kW	30kW (1PH7 163)		
	Z axis servo drive power	Nm	27 (4.87kW)		
	X axis servo drive power	Nm	11 (2.29kW)		
	Spindle maximum torque	Nm	5000		
	Z axis tow strength	daN	1600		
	X axis tow strength	daN	800		
	Speed ranges		Manual		
	I-Range	min <sup>-1</sup>	3.7-15.6		
	II-Range	min <sup>-1</sup>	14.7-62		
	III-Range	min <sup>-1</sup>	58-250		
	IV-Range	min <sup>-1</sup>	235-1000		
<b>Tool Holder</b>	Quick Change Type		MD1		
<b>CNC System</b>			Siemens		
<b>Weight</b>	For DBC 3000mm	kg	8800	9300	9800
<b>CNC system, main drive and servo drive available also: Heidenhain, Fanuc, Fagor</b>					